Roland **GAIA SH-01** ***Stuff To Know***

Triple-Fat Virtual Analog Synthesizer with 3 Oscillators
Powerful Multi-Effects Section
Phrase Recorder / Arpeggiator
USB Connectivity
Connect an iPod™ to the EXT In
Included AC Adapter / Optional Battery Operation

Triple-Fat Virtual Analog Synthesizer with 3 Oscillators

- Each "tone" is made up of a dedicated Oscillator, Filter, Amp, LFO, and 3 Envelope Generators
- Stack 3 "tones" which makes for massive synthesizer sounds.
- Waveforms include Sawtooth, Square, Pulse/PWM, Triangle, Sine, Noise and Super Saw
- Each waveform has 3 variations for a total of 21 waveforms allowing additional tonal selections.

Powerful Multi-Effects Section

- Layer up to 5 different effects from smooth reverb to the gritty distortion.
- Other onboard effects include Fuzz, Bit Crash, Flanger, Phaser, Pitch Shifter, Low Boost, Delay, and Panning Delay with Tempo Sync.
- Dedicated control knobs are provided for adjusting effects in real time.

Phrase Recorder / Arpeggiator

- Record up to 8 Phrases containing keyboard performance and knob tweeks.
- Trigger the phrase while playing making it seem like you have multiple hands.
- 64 arpeggio variations for inspiring creative musical ideas.

USB Connectivity

- Connect to your computer and use the Gaia as a audio sound card.
- Record the Gaia digitally into DAW software through USB port.
- Back up internal User patches and 8 Phrases, plus double the number of user patch slots.

Connect an iPod™ to the EXT In

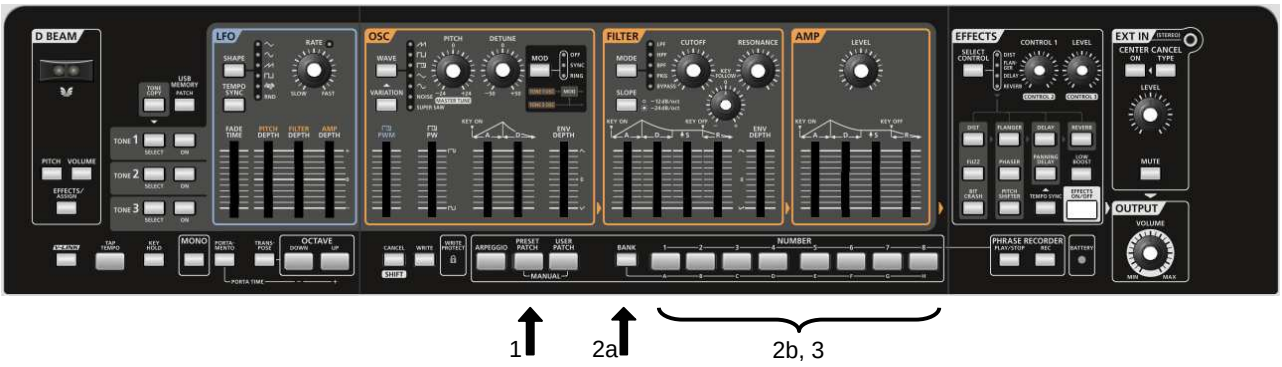
- Connect iPod™, MP3 player to EXT IN to play along with your favorite tunes.
- Eliminate vocals with Center Cancel so you can sing along with your favorite tunes.

Included AC Adapter / Optional Battery Operation

- The Gaia can be powered by the included AC adapter.
- Install 8 AA batteries for the ultimate in portable convenience.
- A battery-life indicator on the front panel ensures that you won't lose power unexpectedly during your performance.

Roland GAIA SH-01

Stuff To Show



Selecting Sounds

1. Press the [PRESET PATCH] button.
2. Press the [BANK] button, and then press one of the [A]-[H] buttons to select a bank.
3. Press one of the NUMBER [1]-[8] buttons to select a patch.

Use the following Preset Patches to explore some of the Gaia's synth functionality:

Synth Bass (Preset Patch: H-1) : Explore the FILTER section with this patch. Go through the different modes of filter and use Cutoff and Resonance to adjust the brightness of the sound.

Synth Pad (Preset Patch: H-2) : This patch will be perfect for adjusting the envelope in the AMP section. Use [A] slider to adjust how fast the sound fades in after pressing a key. Use [R] to determine how long the note will continue to sound after the key is released.

Synth Lead (Preset Patch: H-7) : Use the EFFECTS section to add delay to this patch. Press the DELAY button so it is lit.. Also try adding a distortion effect. Press the DIST button so it is lit. Use the Control 1 knob to adjust the amount of overdrive after turning on the distortion.

Super Saw Synth (Preset Patch: H-6) : Use this patch to explore Arpeggios. Go through the Banks and listen to some of the 64 Preset Arpeggios.

1. Press the [ARPEGGIO] button so it's lit; the arpeggiator will be on. Press and hold a few keys.
2. Hold down the [CANCEL/SHIFT] button and press the [ARPEGGIO] button.
3. Press the [BANK] button and then a NUMBER [A]-[H] button to select the desired bank of arpeggio variations.
4. Press a NUMBER [1]-[8] button to select the desired arpeggio variation.
5. Press the [CANCEL/SHIFT] button to return to selection sounds.

Creating a Patch from scratch

Explore the Oscillators on your own by pressing the [CANCEL/SHIFT] button and [WRITE] buttons in order to get a blank tone. In the Oscillator (OSC) section there are 7 Oscillators available and each one has 3 variations for a total of 21 different waveforms at your fingertips. To access variations, press the VARIATON button once and the WAVE button will light up RED, hit it twice and the WAVE button will highlight GREEN.